M E M O R A N D U M

TO: J. R. Trocki

FROM: J. R. Siemoneit

SUBJECT: Possible Dough Point Correlation

DATE: December 21, 1961

I have been working on a new process for 2,4-D in which a water washing step is involved that leaves a considerable quantity of water in the 2,4-D acid organic layer. Since the operation is similar to the DDT operation, the thought occurred that dissolved water in the DDT might be a key to the long sought-after correlation to a higher "dough-point" and more grindable quality DDT. It has always been normal procedure to strip MCB from the DDT using open steam; however, since there would be no driving force between steam and any small amounts of water present in the molten DDT layer, the water would probably not be removed. I do not remember whether any work has been done along this line or not, and it may have been thoroughly covered in the past. However, if this has not been checked, it would seem to be a rather simple procedure to run a few lab tests by dry air stripping a quantity of known low "dough-point" material to determine whether any improvement in the "dough-point" could be noted.

J. R. Siemoneit

JRS:sls

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